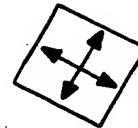


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



FOR TRIANGLE, ELECTRIC
CURRENTS ARE CALCULATED
FROM VERTEXES TO
OPPOSITE SIDE DIRECTIONS



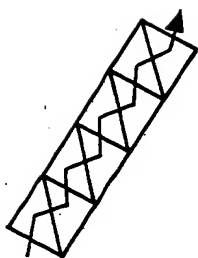
FOR QUADRILATERAL,
ELECTRIC CURRENTS IN
OPPOSITE SIDE
DIRECTIONS ARE
CALCULATED

FIG. 1

PRIOR ART

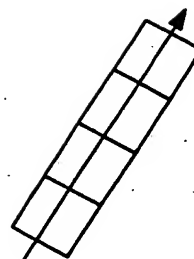
1005/887 012902

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



FOR TRIANGLE, ELECTRIC
CURRENT FLOWS UNEVENLY,
AND PROPAGATION DELAY
OCCURS
(ANALYSIS ACCURACY: LOW)

FIG. 2A PRIOR ART



FOR QUADRILATERAL,
ELECTRIC CURRENT
SMOOTHLY FLOWS
(ANALYSIS ACCURACY: HIGH)

FIG. 2B PRIOR ART

206210/88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

205210" 788/5001

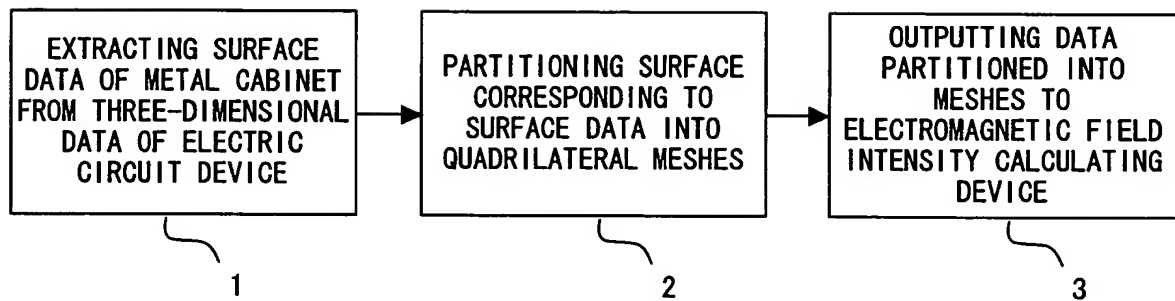


FIG. 3

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

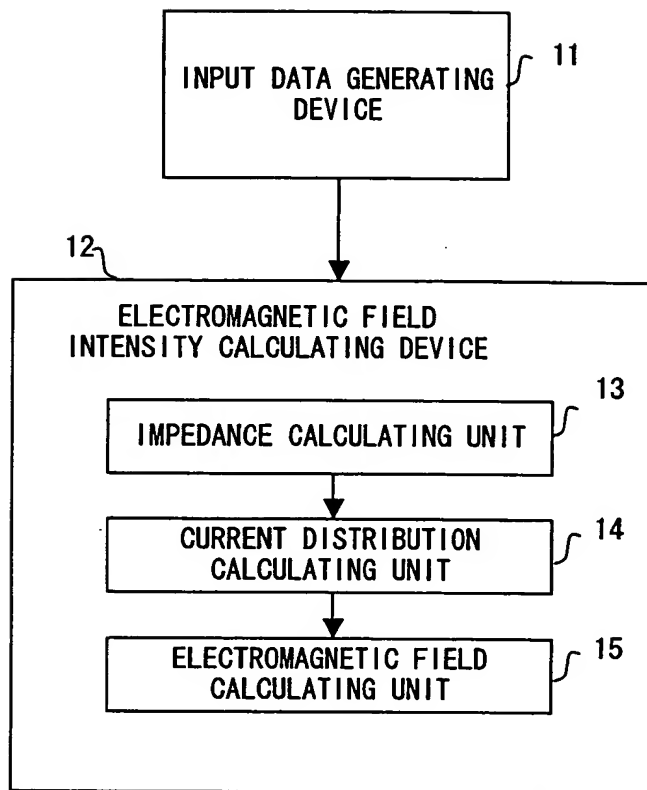


FIG. 4

206210" 28875001

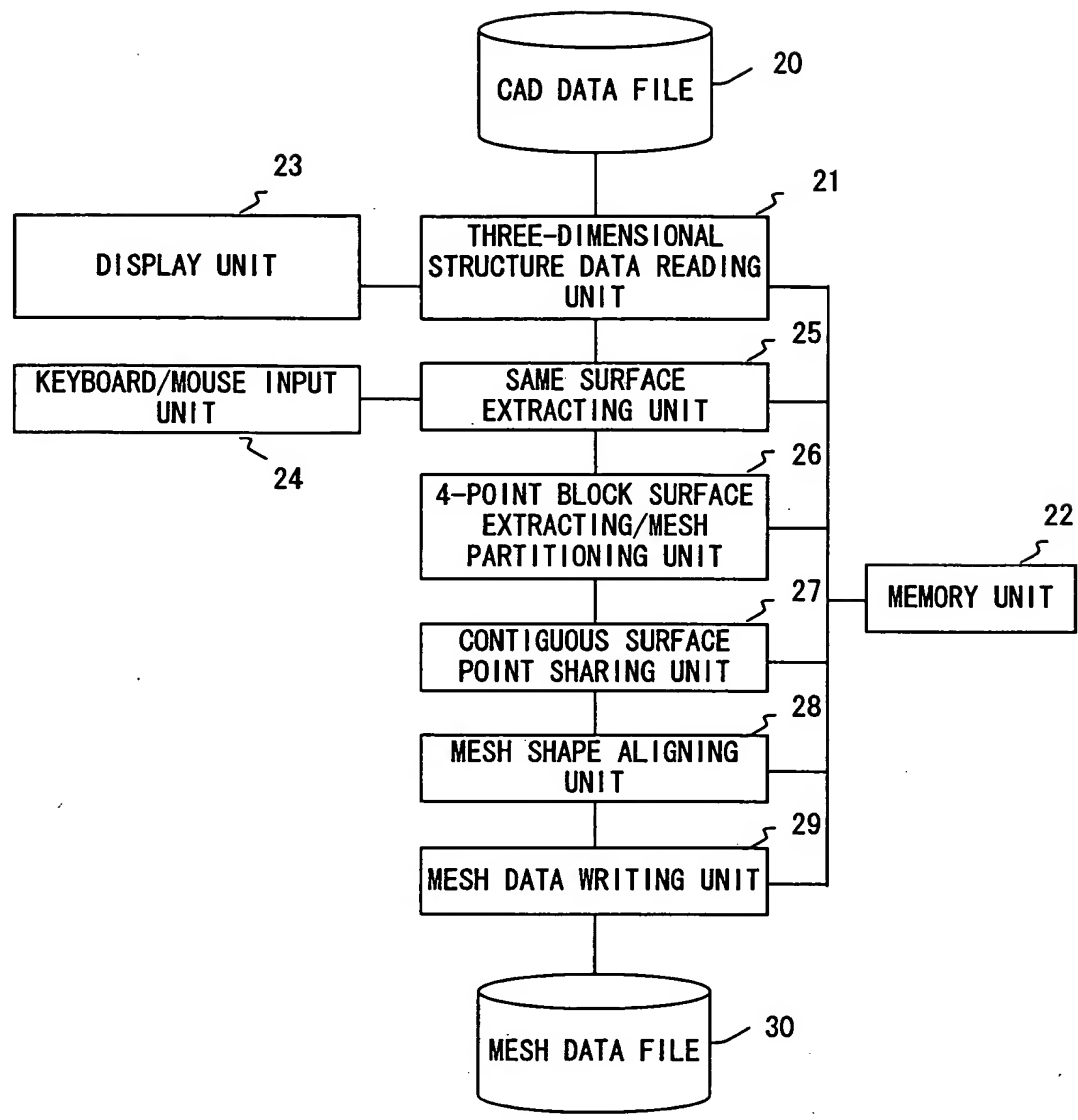


FIG. 5

206210/88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

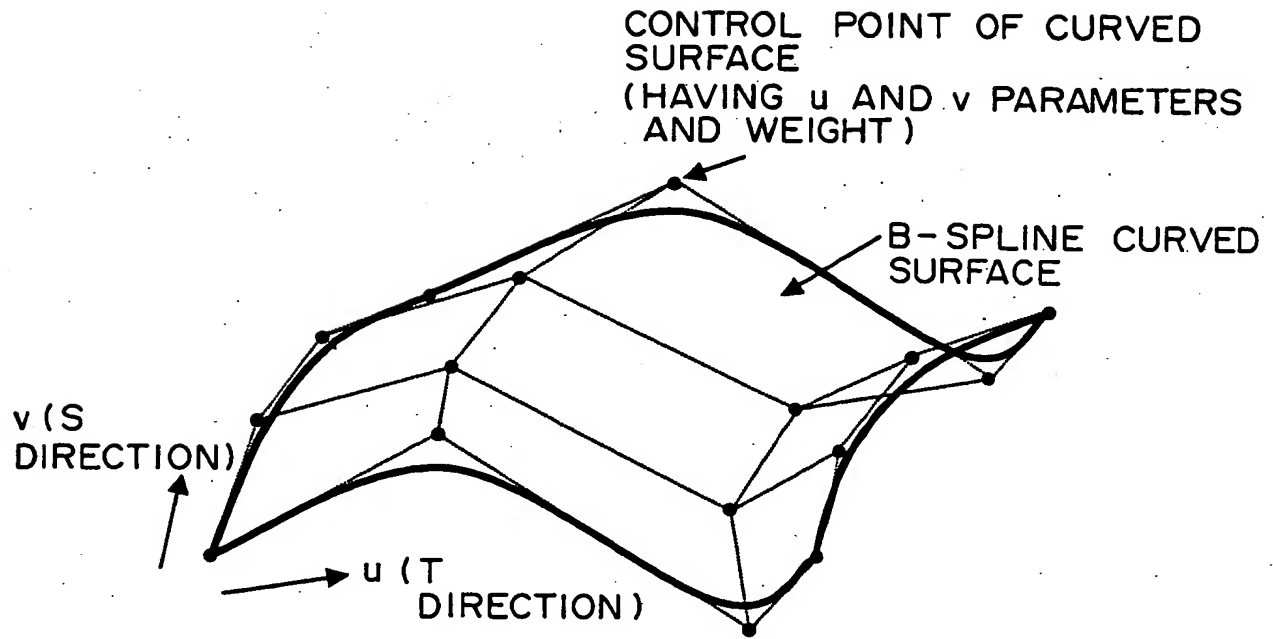


FIG. 6

10057887 012902 206210 7885001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

206210" / 8875001

NAME	SUMMARY
ENTITY ID	SURFACE NUMBER OF B-SPLINE CURVED SURFACE
K1	SUPERSCRIPIT OF TOTAL SUM SYMBOL IN S DIRECTION
K2	SUPERSCRIPIT OF TOTAL SUM SYMBOL IN T DIRECTION
M1	ORDER OF BASE FUNCTION
M2	ORDER OF BASE FUNCTION
PROP1	PARAMETER 1 INDICATING STATE OF CURVED SURFACE
PROP2	PARAMETER 2 INDICATING STATE OF CURVED SURFACE
PROP3	PARAMETER 3 INDICATING STATE OF CURVED SURFACE
PROP4	PARAMETER 4 INDICATING STATE OF CURVED SURFACE
PROP5	PARAMETER 5 INDICATING STATE OF CURVED SURFACE
S(-M1)	NOT SEQUENCE VALUE IN S DIRECTION
~	
T(-M2)	NOT SEQUENCE VALUE IN T DIRECTION
~	
W(0, 0)	WEIGHT
~	
X(0, 0)	SPATIAL COORDINATE VALUE OF EACH CONTROL POINT (X)
Y(0, 0)	SPATIAL COORDINATE VALUE OF EACH CONTROL POINT (Y)
Z(0, 0)	SPATIAL COORDINATE VALUE OF EACH CONTROL POINT (Z)
~	
U(0)	START VALUE IN S DIRECTION
U(1)	END VALUE IN S DIRECTION
V(0)	START VALUE IN T DIRECTION
V(1)	END VALUE IN T DIRECTION

F I G. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

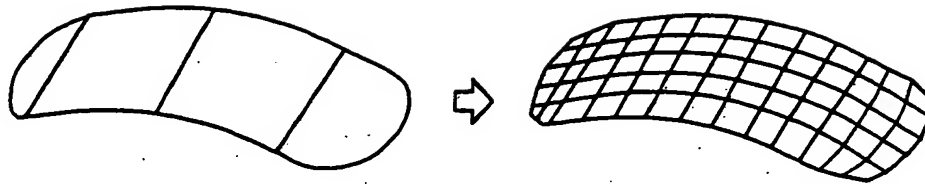


FIG. 8

10057887-012902

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

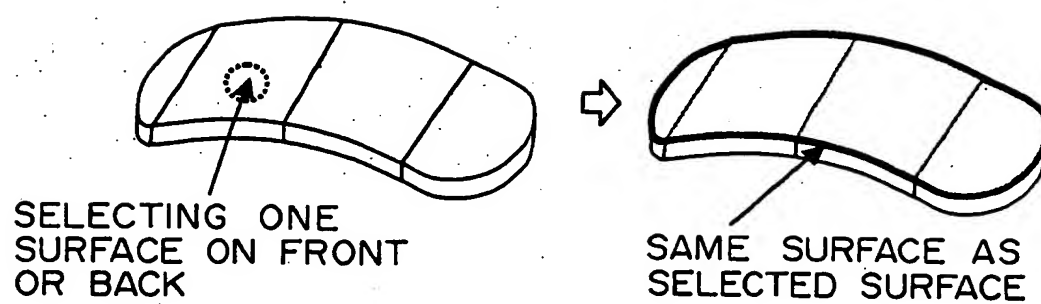


FIG. 9

206210-78875001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

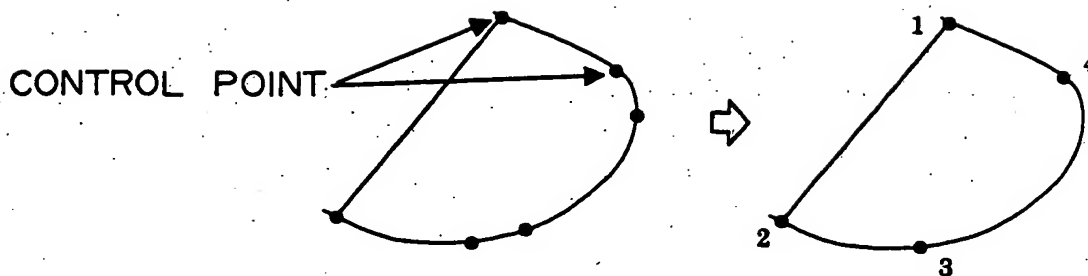


FIG. 10

206210-88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

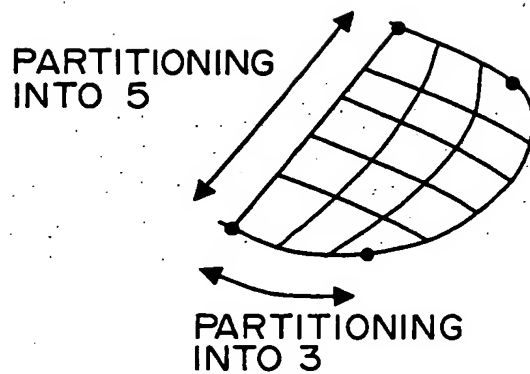


FIG. 11

206210-88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

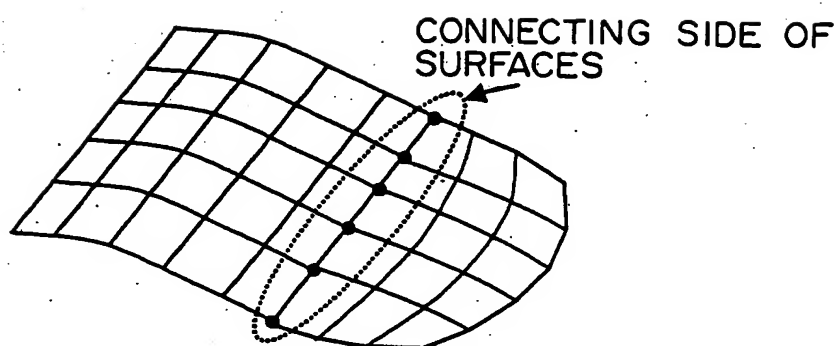


FIG. 12

206210" 788/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

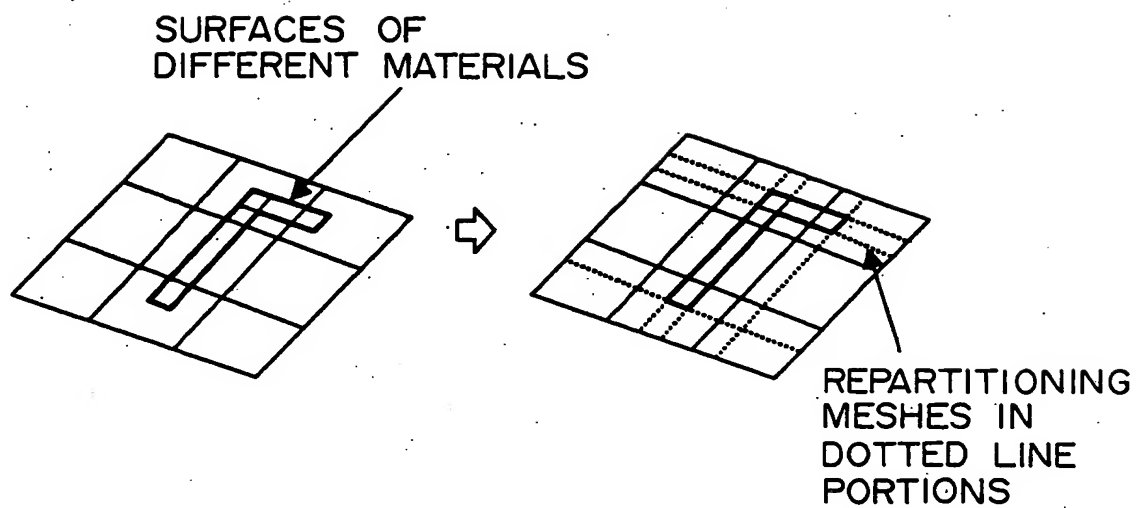


FIG. 13

206210-788/5001

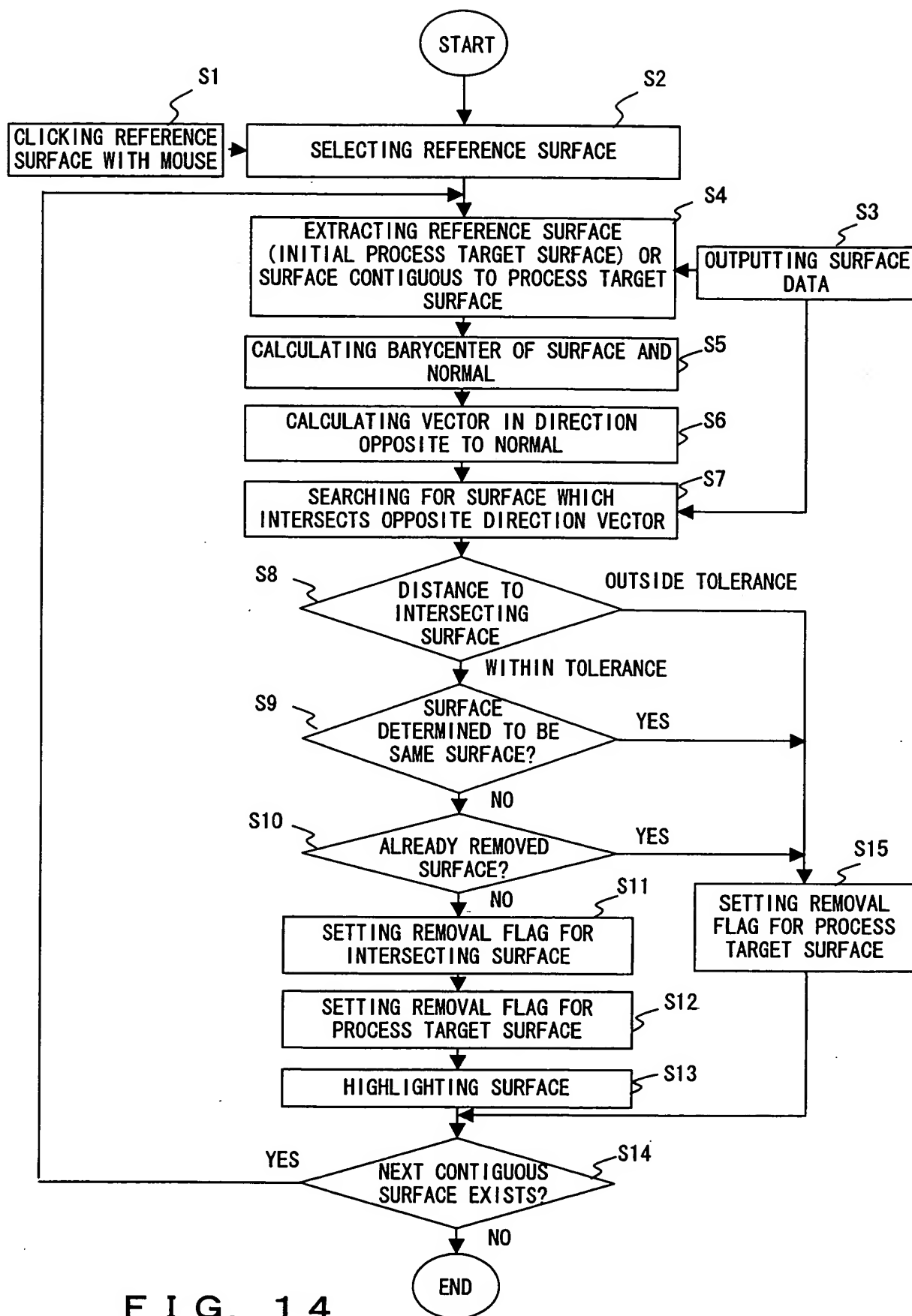


FIG. 14

206210/88/5001

APPROVED	O.G. FIG.	
BY.	CLASS	SUBCLASS
DRAFTSMAN		

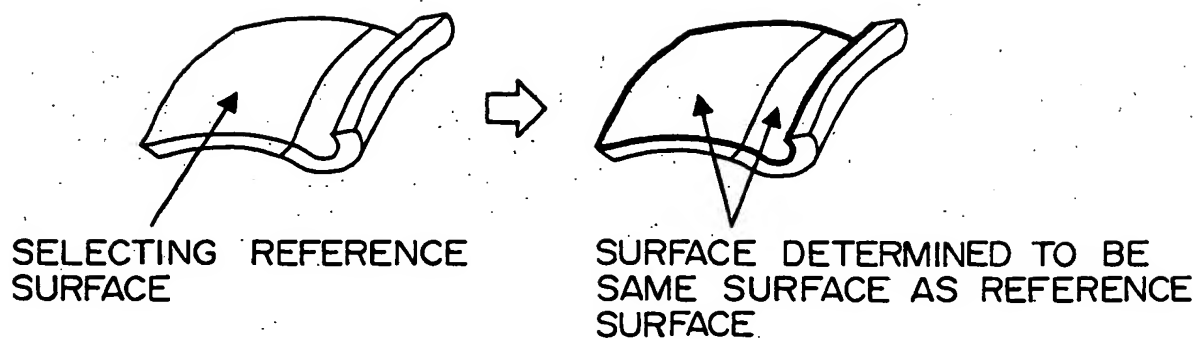


FIG. 15

10057887-012902
206210-88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

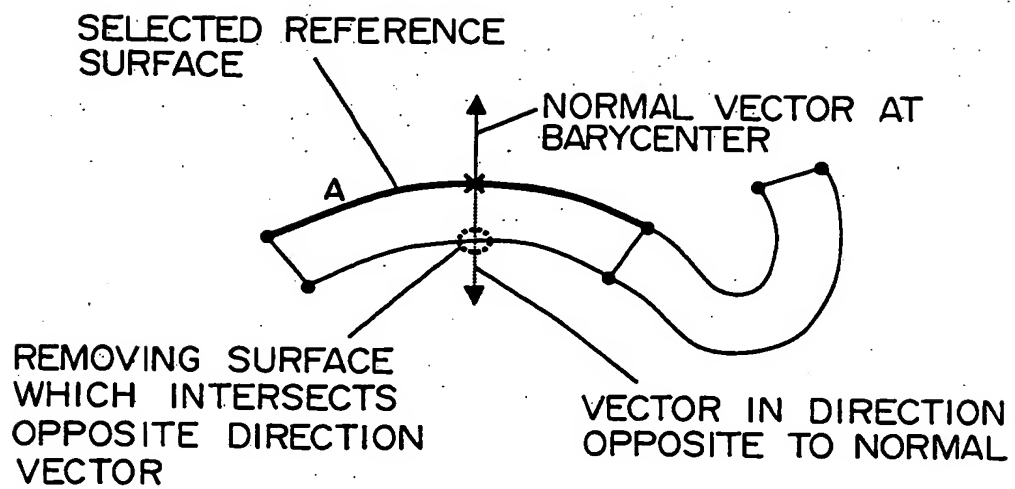


FIG. 16

206210/88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

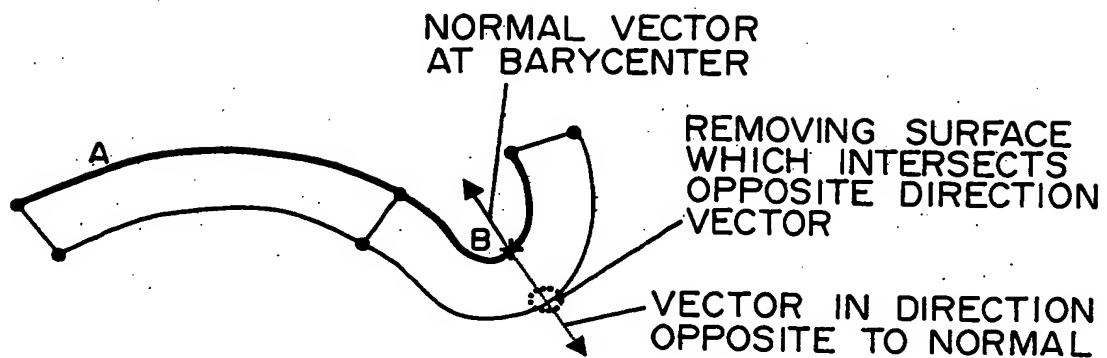


FIG. 17

206210-88/5001

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

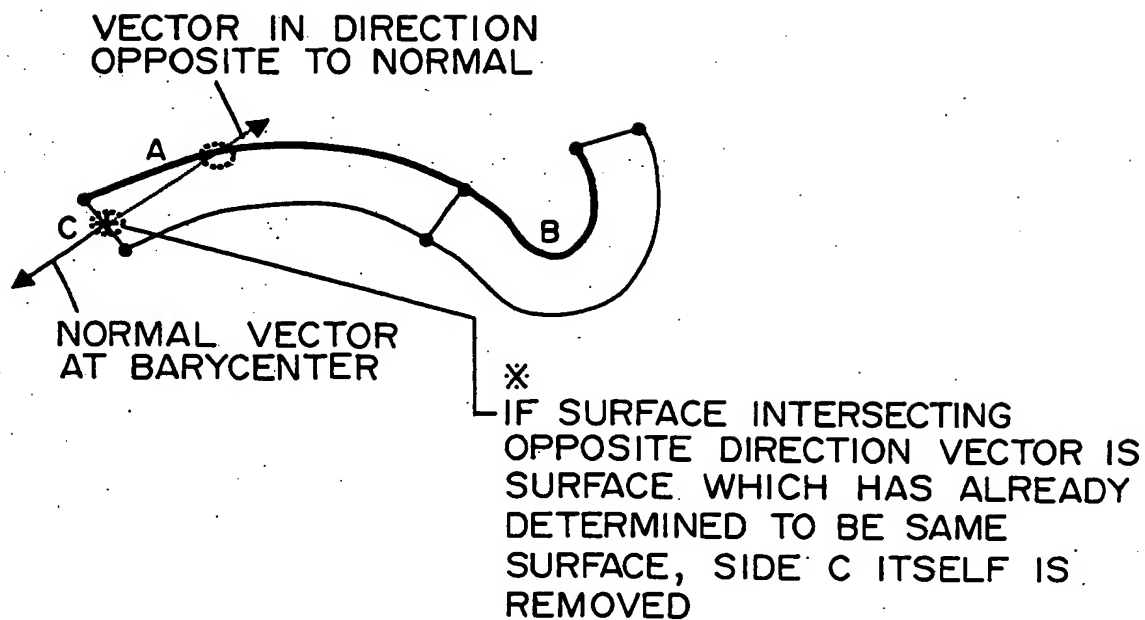


FIG. 18

205210" 288/5001

APPROVED	O. G. F. G.	
BY	CLASS	SUBJECT
DRAFTSMAN		

SURFACES A AND B ARE
FINALLY DETERMINED
TO BE SAME SURFACE

NORMAL VECTOR
AT BARYCENTER

*
IF SURFACE INTERSECTING
OPPOSITE DIRECTION VECTOR
IS SURFACE WHICH HAS
ALREADY BEEN REMOVED,
SIDE D ITSELF IS REMOVED

VECTOR IN DIRECTION
OPPOSITE TO NORMAL

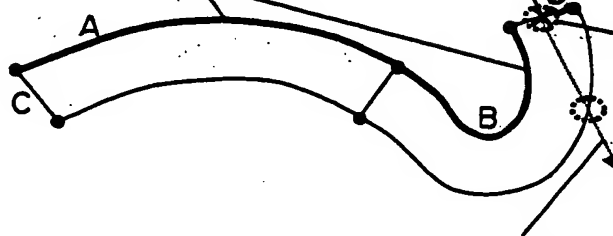


FIG. 19

1057887.012902
206210.8875001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

206210-98/5001

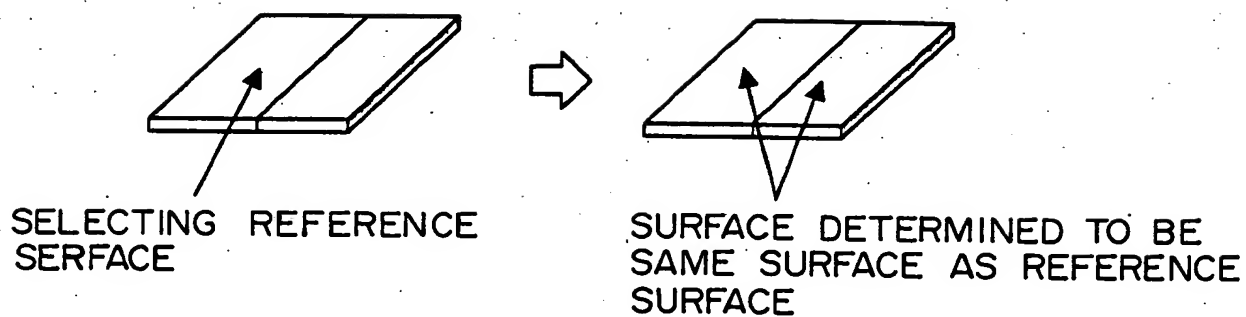


FIG. 20

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

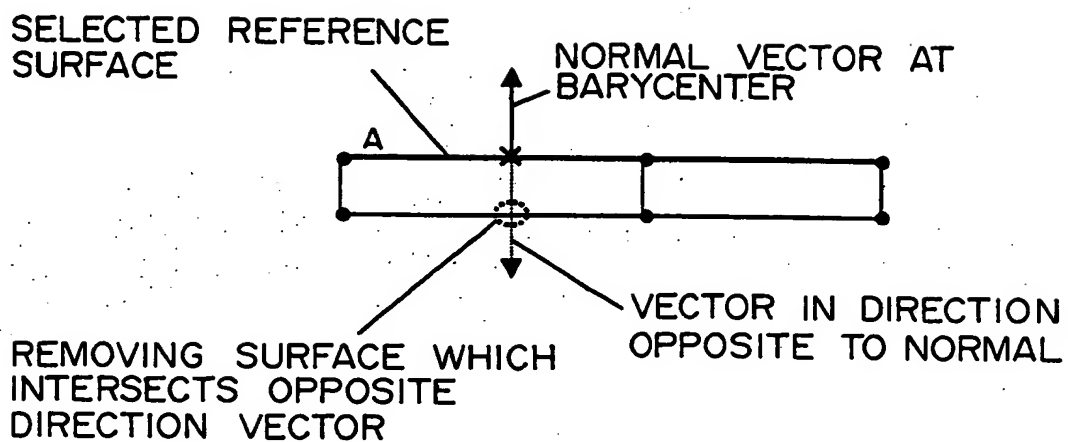


FIG. 21

10057887.012902
206210/88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

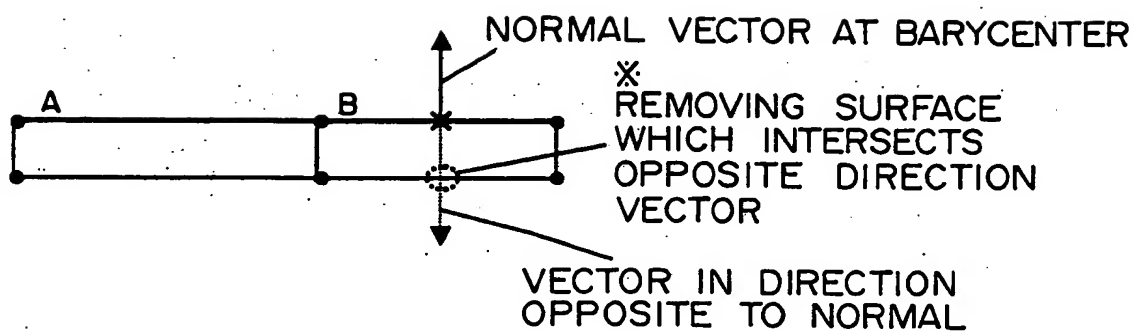


FIG. 22

206210/88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

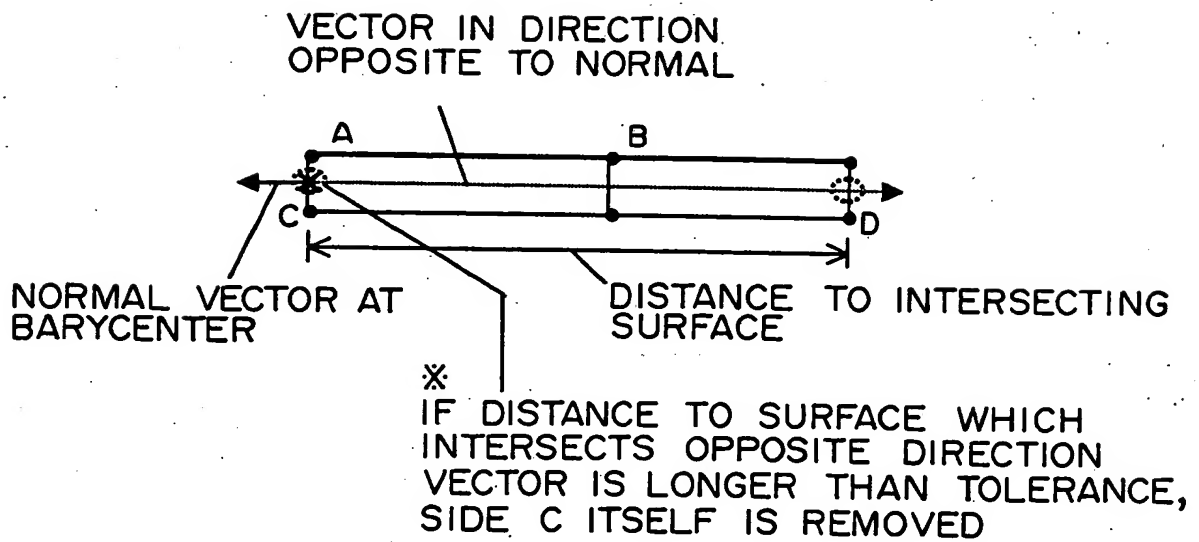


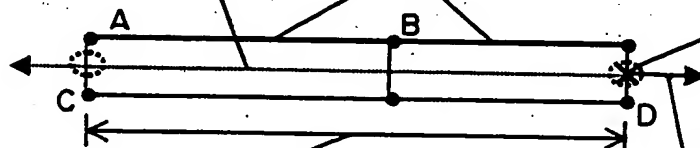
FIG. 23

10057887-012902

VECTOR IN DIRECTION
OPPOSITE TO NORMAL

SURFACES A AND B ARE
FINALLY DETERMINED
TO BE SAME SURFACES

*
IF DISTANCE TO
SURFACE WHICH
INTERSECTS OPPOSITE
DIRECTION VECTOR IS
LONGER THAN
TOLERANCE, SIDE D
ITSELF IS REMOVED



DISTANCE TO INTERSECTING
SURFACE

NORMAL VECTOR
AT BARYCENTER

FIG. 24

10057887.012902

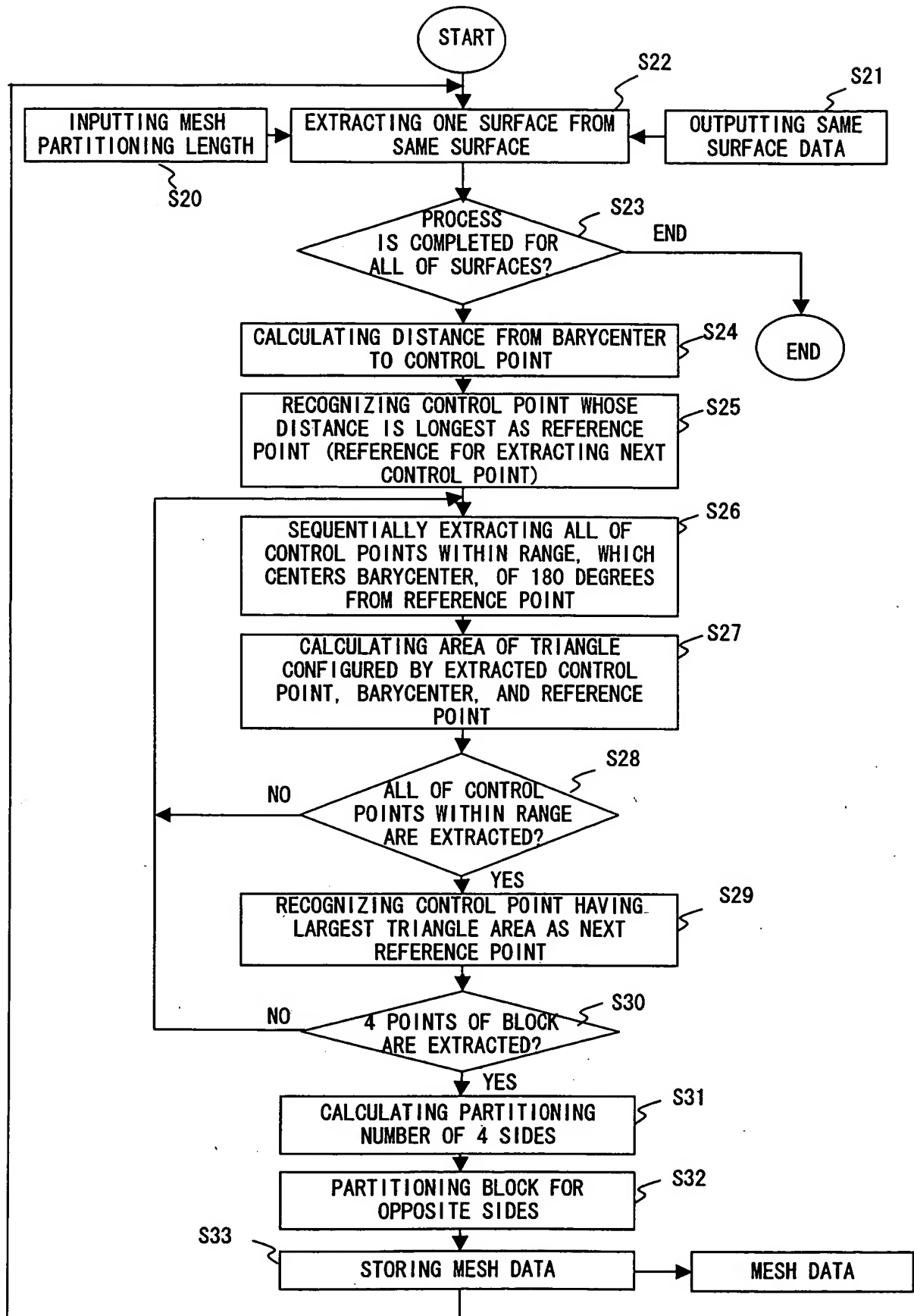


FIG. 25

205210/88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

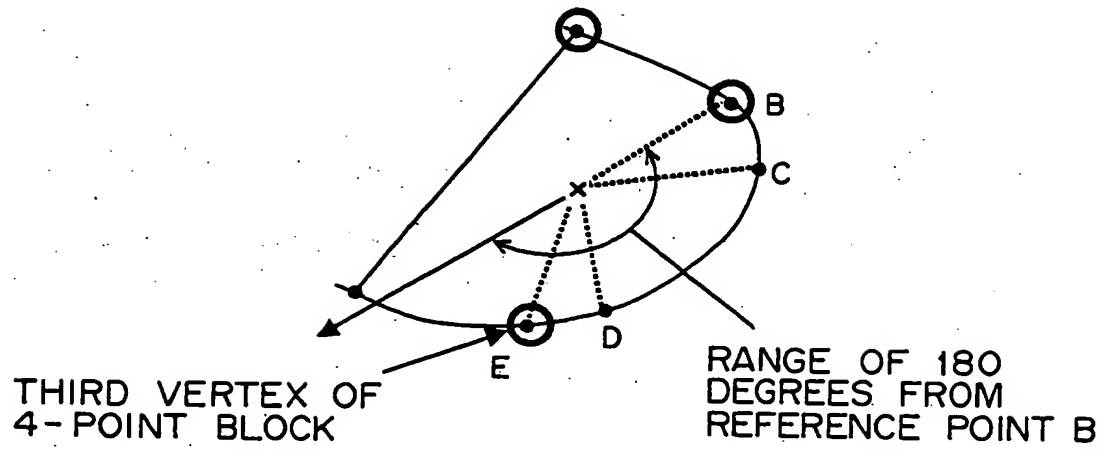


FIG. 27

206210" / 88 / 500T

APPROVED	O.G. P.G.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

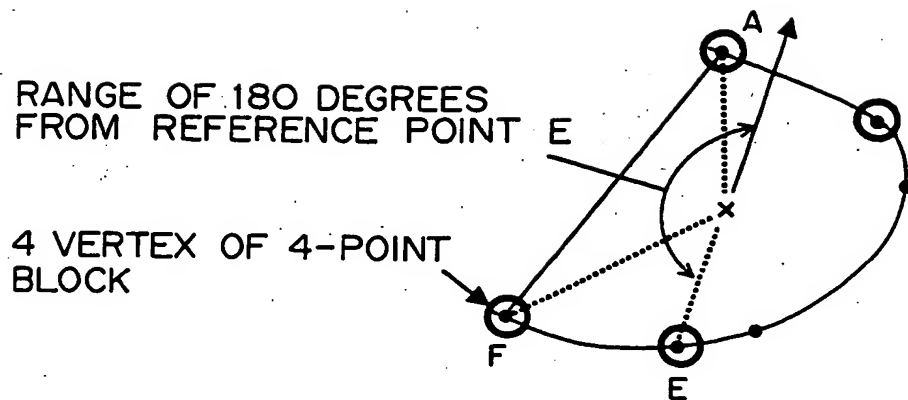
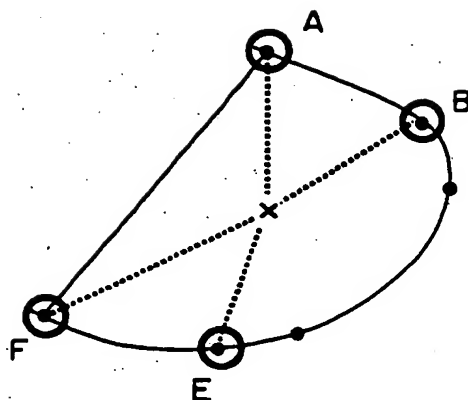


FIG. 28

206210-88/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



○ 4 CIRCLED POINTS
FINALLY REMAIN

FIG. 29

206210-788/5001

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

10057887.012902
206210/88/5001

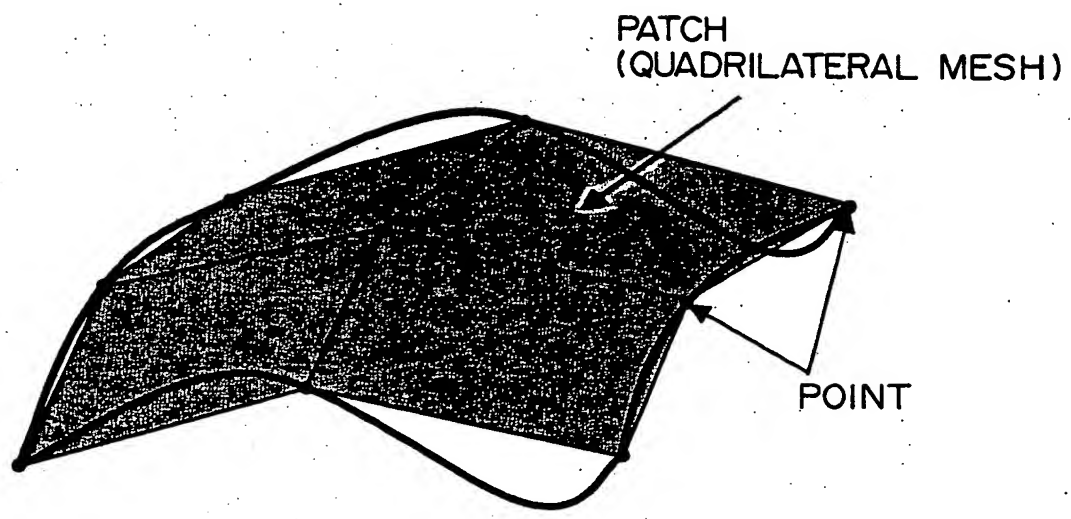


FIG. 30

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

COORDINATE SPECIFICATION DATA OF POLYGON VERTEX: \$point

<KEYWORD - STATEMENT>

\$point

<DATA - STATEMENT>

Point no.	POINT NUMBER
X	X COORDINATE VALUE
Y	Y COORDINATE VALUE
Z	Z COORDINATE VALUE

<DESCRIPTION EXAMPLE>

\$point

1 0.035 0.012 0.8

SPECIFICATION DATA OF POLYGON CONFIGURING POINT: \$patch

<KEYWORD - STATEMENT>

\$patch

<DATA - STATEMENT>

Patch no.	PATCH NUMBER
Point 1	POINT NUMBER WHICH BECOMES FIRST CONFIGURING POINT OF PATCH
Point 2	POINT NUMBER WHICH BECOMES SECOND CONFIGURING POINT OF PATCH
Point 3	POINT NUMBER WHICH BECOMES THIRD CONFIGURING POINT OF PATCH
Point 4	POINT NUMBER WHICH BECOMES FOURTH CONFIGURING POINT OF PATCH

<DESCRIPTION EXAMPLE>

\$patch

1 10 11 12 13

FIG. 31

205297887-012902

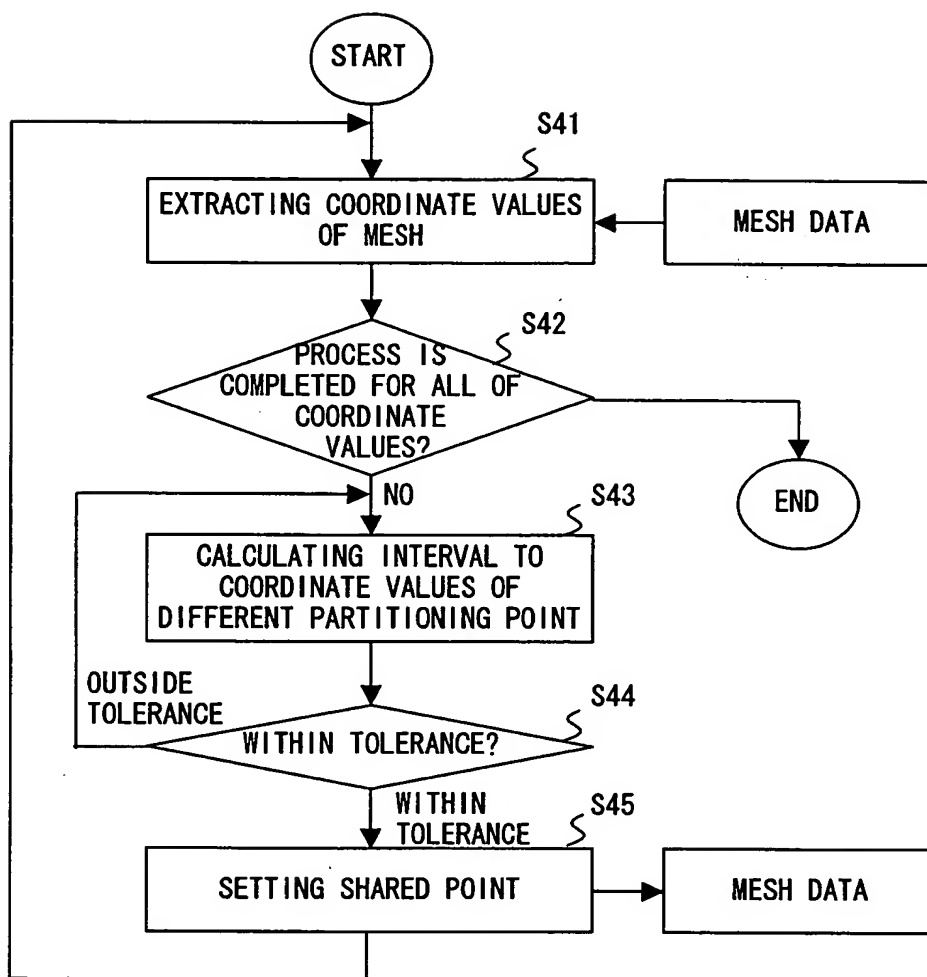


FIG. 32

206210/88/5001

APPROVED	O. G. / G.	
BY	CLASS	SU30CL
DRAFTSMAN		

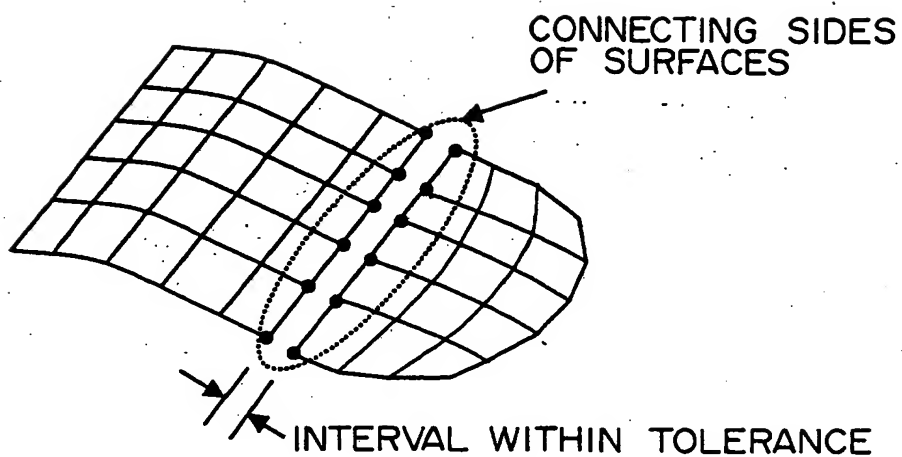


FIG. 33

206210-88/5001

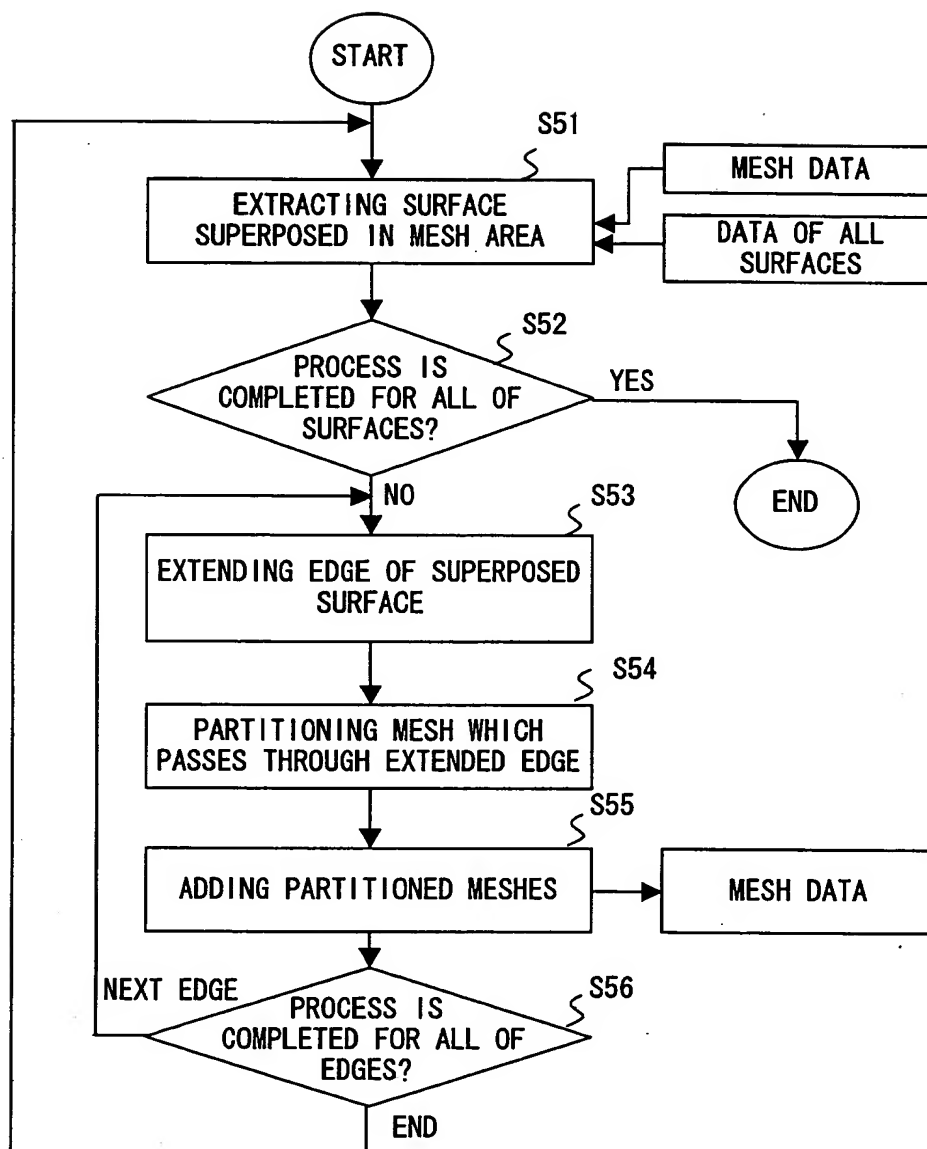


FIG. 34

206210/88/5001

APPROVED	C. J. K.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

MESHES ARE REPARTITIONED
IN DOTTED LINE PORTIONS

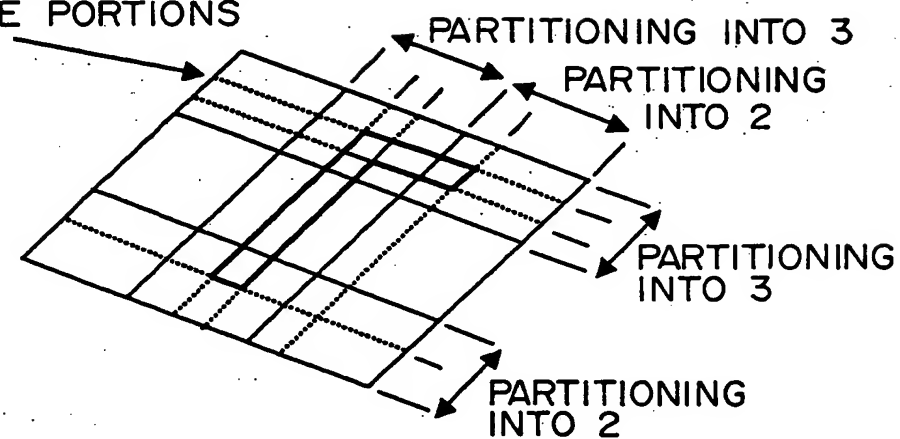


FIG. 35

206210/88/5001

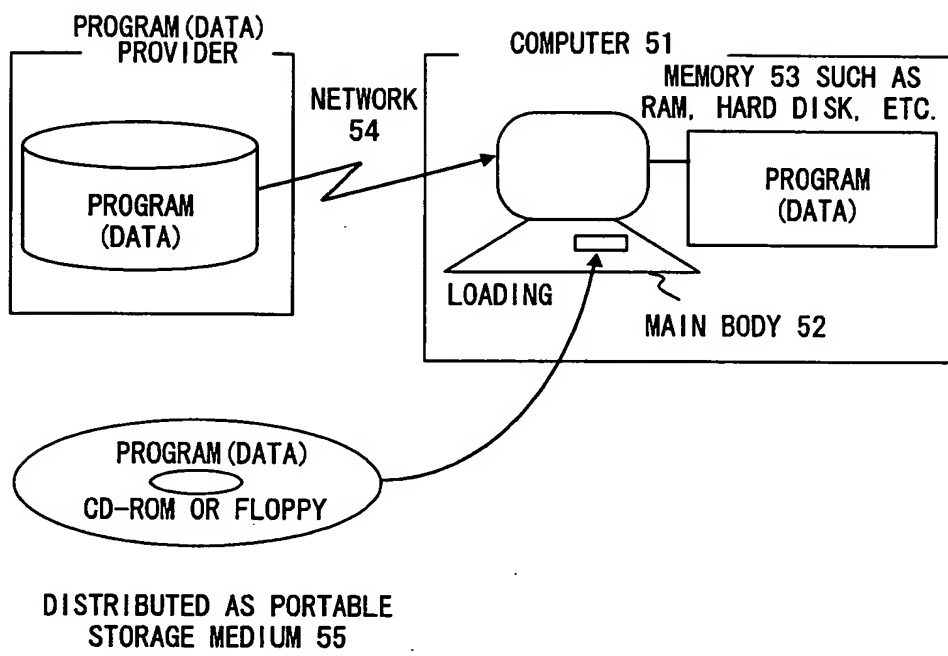


FIG. 36

1005/887.012902